BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvement to roads at Widia School Compund road & C Narayana Layout in Bagalagunte W.No-14

JOB NUMBER.:							SI-9	Est. Amount =	50.00	Lakhs
Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D		Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH/Chapter 3(Page No. 1142, It No. 19.1 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Cum	1	400.00	5.50	0.45		990.00		
			1	400.00	1.50	0.45		270.00		
							Total Qty	1260.00	170.92	215359.20
2	KSRRB 300-58. Compaction of original ground with maximum of 6 passes Sqm of 8 to 10 tonnes power roller including filling in depression occuring during roiling including cost of all labour, HOM of machinery complete as per, specifications. MORTH / Chapter 3(Page No. 149, It No. 19.64 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Sqm	1	400.00	5.50			2200.00		
			1	400.00	1.50			600.00		
							Total Qty	2800.00	5.30	14840.00
3	KSRRB M400-7. Construction of granular sub-base by providing Coarse graded cushed stone aggregates of granite / trap / basalt material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. By mix in place method. ForCoarse graded granular sub-base material as per 400-2 For Grading 1 Material(Page No. 157, It No. 20.6.1 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Cum	1	400.00	5.50	0.15		330.00		
			1	400.00	1.50	0.15		90.00		
							Total Qty	420.00	1518.98	637971.60
4	SRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification nNo. 406(Page No. 158, It No. 20.18 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Cum	1	400.00	5.50	0.23		506.00		
			1	400.00	1.50	0.23		138.00		
							Total Qty	644.00	1768.08	1138643.52
5	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.MORTH Specification No. 502 (Page No. 161, It No. 21.6 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Sqm	1	400.00	5.50			2200.00		
			1	400.00	1.50			600.00		
							Total Qty	2800.00	27.56	77168.00
6	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications.using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-I (80 mm to 100 mm) with 3.3% VG-30 Bitumen(Page No. 162, It No. 21.11.5 of KPWD S.R 2016-17)									
	Widia School Compund road									
	Road	Cum	1	400.00	5.50	0.05		110.00		
			1	505.00	6.50	0.05		164.13		
							Total Qty	274.13	5127.22	1405499.18

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
7	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 (Page No. 161, It No. 21.7 of KPWD S.R 2016-17)								
	Widia School Compund road								
	Road	Sqm	1	400.00	5.50		2200.00		
			1	505.00	6.50		3282.50		
						Total Qty	5482.50	11.66	63925.95
8	KSRRB M500-19. Providing and laying bituminous concrete with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications.MORTH Specification No. 509using 40-60 TPH capacity H.M.P. with mechanical paver grading I (50-65mm) with 5.2% VG-30 Bitumen(Page No. 165, It No. 21.22.5 of KPWD S.R 2016-17)								
	Widia School Compund road								
	Road	Rmt	1	400.00	5.50	0.03	66.00		
			1	505.00	6.50	0.03	98.48		
						Total Qty	164.48	7052.18	1159907.31
								Total Construtions cost	47,13,314.76
								DPR charges	47,133.15
								Tender Premium	2,35,665.74
								Sub Total	49,96,113.64
								Miscellaneous & Rounding Off	3,886.36
								Grand Total	50,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS BANGALORE-90.

Consultants
For Sri Sai Consultants

Assistant Engineer
Ward No.14
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Sub-Division
BBMP - Bangalore

Executive Engineer
Dasarahalli Division
BBMP - Bangalore

ವಂ.EE/DS/AS/129/17-18 ದಿನಾಂಕ : 26/9/17
ರೂ. fifty Lakh Rupees only
Rs. 50,00 Lakh
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/TS/165/17-18 ದಿನಾಂಕ : 26/09/2017
ರೂ. fifty Lakh Rupees only
Rs. 50,00 Lakh
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು